

Converting Colors

Hex(3EB867)

Have a look what the booklet for
Hex(3EB867) contains.

Hex(3EB867)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3EB867)

Conversions

Conversions Part 1

Format	Color
Hex	3EB867
RGB	62, 184, 103
RGB Percent	24%, 72%, 40%
CMY	0.7569, 0.2784, 0.5961
CMYK	0.66, 0.00, 0.44, 0.28
HSL	140°, 50%, 48%
HSV	140°, 66%, 72%
XYZ	21.5753, 36.2844, 18.6984
YIQ	138.2880, -46.7110, -51.0550

Conversions

Conversions Part 2

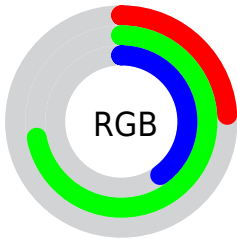
Format	Color
RYB	62, 153, 184
Decimal	4110439
CIELab	66.74, -51.62, 31.48
CIElCh	67, 60.460, 148.620
Yxy	36.2844, 0.2818, 0.4739
Android (android.graphics.Color)	4282300519 (0xFF3EB867)
YUV	138.2880, -17.3970, -66.9046
Hunter-Lab	60.2365, -41.4795, 23.7610

Details

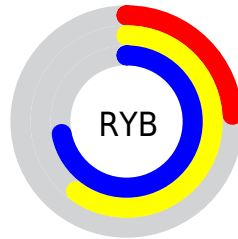
The Hex color **3EB867** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B83E8F**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **7BF19B**, and **008236** is the 20% darker color. If you saturate the color by 10%, you get **2CB85B**, and if you desaturate by 10%, it is **50B873**.

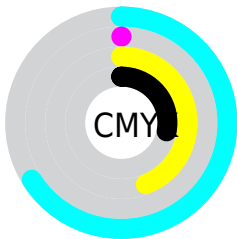
Distribution



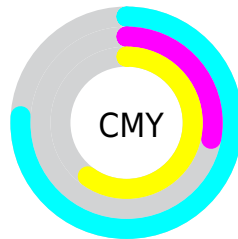
- Red (24%)
- Green (72%)
- Blue (40%)



- Red (24%)
- Yellow (60%)
- Blue (72%)



- Cyan (66%)
- Magenta (0%)
- Yellow (44%)
- Black (28%)



- Cyan (76%)
- Magenta (28%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EB867 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3EB867 by changing the saturation by 10% instead.

 3EB867

 3EB867


FFFFFF

 159C4E

 7BF19B

 008236

 98FFB6

 00681F

 B5FFD2

 004E05

 D3FFE7

 003600

 F1FFFF

 001F00

 000000

 3EB867

 3EB867

 2CB85B

 50B873

 19B84F

 63B87F

 07B842

 75B88C

 00B83E

 88B898

 9AB8A4

 ACB8B0

 BFB8BD

 D1B8C9

 E4B8D5

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8CAE3B



3EB867



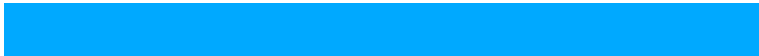
00BC9E

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3EB867



00A9FF



FF7671

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3EB867



B83E8F

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF70A7



3EB867



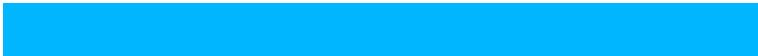
9F95FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3EB867



00B6FE



E27EDC



EB8A45

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3EB867



00BDC3



E27EDC



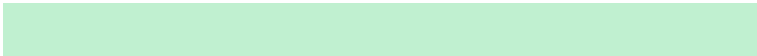
FF7283

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3EB867



C0F0D0



8FB83E



5B7865



F7F7F7



787878

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3EB867



30F070



3EB8A4



535C56



009C34



001C09

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B83E8F



F030AF



B83E52



5C5359



9C0067



1C0013

Previews

White Background



This preview shows how the Hex color 3EB867 looks on a white background.

Color Contrast Check

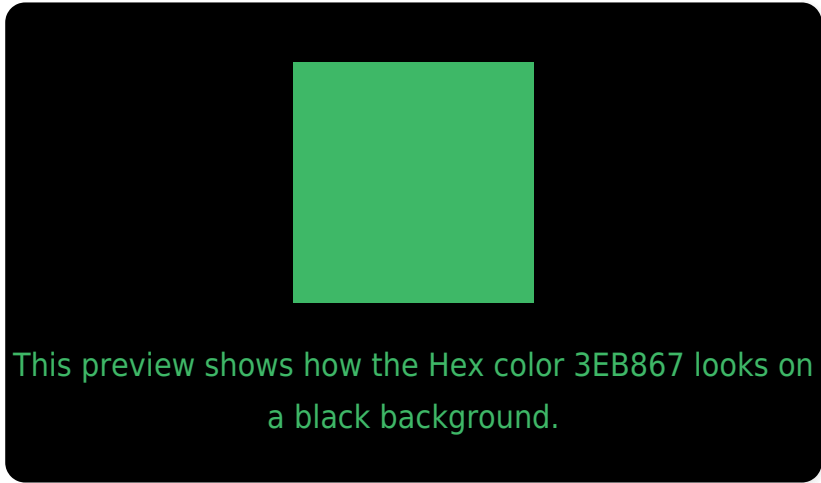
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

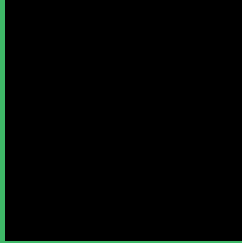
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3EB867 Background



This preview shows how black text looks on a background with the Hex color 3EB867.

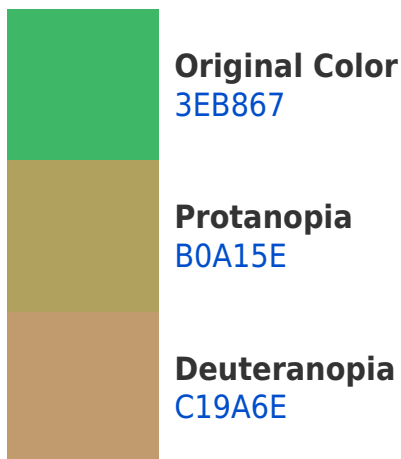


This preview shows how white text looks on a background with the Hex color 3EB867.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
59AEBC

Trichromacy



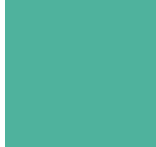
Original Color
3EB867



Protanomaly
87A961



Deuteranomaly
91A56B



Tritanomaly
4FB29D

Monochromacy



Original Color
3EB867



Achromatopsia
8A8A8A



Achromatomaly
6E9B7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EB867 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3EB867 looks like.

```
.text, #text, p{  
    color:#3EB867  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3EB867 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EB867
}
```

Border

The CSS property to change the border of an element to Hex 3EB867 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3EB867 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3EB867 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #3EB867 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EB867; -webkit-box-shadow:4px 4px  
4px 4px #3EB867; box-shadow:4px 4px 4px  
4px #3EB867 }
```

Background

The CSS property to change the background color of an element to Hex 3EB867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EB867 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3EB867 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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